



EMC Test Data

Client:	Pace Americas Inc.	Job Number:	JD100016
Model:	C61-700 (RF4CE STB)	T-Log Number:	T100054
Contact:	Mark Rieger	Project Manager:	Irene Rademacher
Standard:	FCC 15.B / 15.247	Project Coordinator:	-
		Class:	N/A

Maximum Permissible Exposure

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 12/9/2015

Test Engineer: Mark Hill

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

Summary of Results

Device complies with Power Density requirements at 20cm separation:	Yes
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Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC MPE Calculation

Use: General

Antenna: 3.0dBi

Freq. MHz	EUT Power dBm	Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2	
2450	5.5	3.5	0	3	5.5	7.08	0.001	1.000

Note - output power represents the worse case including production tolerances